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                  present
 NEWS 4 DEC 08 INPADOC: Legal Status data reloaded
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 NEWS 6 OCT 10 PCTFULL: Two new display fields added
 NEWS 7 OCT 21 BIOSIS file reloaded and enhanced
 NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
 NEWS 9 NOV 24 MSDS-CCOHS file reloaded
 NEWS 10 DEC 08 CABA reloaded with left truncation
 NEWS 11 DEC 08 IMS file names changed
 NEWS 12 DEC 09 Experimental property data collected by CAS now available
                  in REGISTRY
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAplus
NEWS 14 DEC 17 DGENE: Two new display fields added
NEWS 15 DEC 18 BIOTECHNO no longer updated
 NEWS 16 DEC 19
                  CROPU no longer updated; subscriber discount no longer
                  available
 NEWS 17 DEC 22
                  Additional INPI reactions and pre-1907 documents added to CAS
                  databases
 NEWS 18 DEC 22
                  IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
 NEWS 19 DEC 22 ABI-INFORM now available on STN
 NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
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               Welcome Banner and News Items
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               CAS World Wide Web Site (general information)
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5 DUP REM L1 (2 DUPLICATES REMOVED)

=> s ATH1 (2a) expression L1 7 ATH1 (2A) EXPRESSION

=> dup rem l1
PROCESSING COMPLETED FOR L1

=> d 12 1-5

L2 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:461518 CAPLUS

DN 137:289751

TI Distinct Patterns of Downstream Target Activation Are Specified by the Helix-Loop-Helix Domain of Proneural Basic Helix-Loop-Helix Transcription Factors

AU Talikka, Marja; Perez, Sharon E.; Zimmerman, Kathryn

CS Laboratory of Developmental Neurobiology, The Rockefeller University, New York, NY, 10021, USA

SO Developmental Biology (Orlando, FL, United States) (2002), 247(1), 137-148 CODEN: DEBIAO; ISSN: 0012-1606

PB Elsevier Science

DT Journal

LA English

RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:239220 CAPLUS

DN 135:43743

TI Expression of proneural and neurogenic genes in the zebrafish lateral line primordium correlates with selection of hair cell fate in neuromasts

AU Itoh, M.; Chitnis, A. B.

CS NICHD, NIH, Laboratory of Molecular Genetics, Bethesda, MD, 20892, USA

SO Mechanisms of Development (2001), 102(1-2), 263-266 CODEN: MEDVE6; ISSN: 0925-4773

PB Elsevier Science Ireland Ltd.

DT Journal

LA English

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:761982 CAPLUS

DN 130:21350

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TI
     Arabidopsis gene ATH1 sense and antisense constructs and their use for
     regulation of growth and flowering in plants
TN
     Smeekens, Sjef; Weisbeek, Peter; Proveniers, Marcel
PΑ
     D.J. Van Der Have B.V., Neth.
     PCT Int. Appl., 53 pp.
so
     CODEN: PIXXD2
DТ
     Patent
     English
LA
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
                                           WO 1998-IB821 19980514
PT
     WO 9851800
                      A1 19981119
         W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
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             KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
             NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
             UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
             FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
     AU 9872298
                      A1 19981208
                                           AU 1998-72298
                                                              19980514
                           20021024
     AU 753726
                       B2
                           20000301
     EP 981621
                      A1.
                                           EP 1998-919436
                                                              19980514
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
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                            20010629
                                           NZ 1998-500737
                     Α
                                                              19980514
PRAI GB 1997-9789
                       A
                            19970514
     GB 1997-27458
                       A
                            19971230
     WO 1998-IB821
                       W
                            19980514
RE CNT 8
             THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT
1.2
     ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
     1997:27037 CAPLUS
NA
DN
     126:115386
     Stress tolerant yeast mutants
ጥፕ
IN
     Klionsky, Daniel; Holzer, Helmut; Destruelle, Monika
Aq
     University of California, USA
SQ
     U.S., 17 pp.
     CODEN: USXXAM
DT
     Patent
LA
     English
FAN.CNT 1
     PATENT NO.
                    KIND DATE
                                          APPLICATION NO. DATE
     ______
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                                            ______
    US 5587290 A 19961224
WO 9701626 A1 19970116
                                          US 1995-494714
                                                            19950626
PΙ
                                           WO 1996-US10782 19960624
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             SE, SG
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             IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN
    AU 9663920
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                                           AU 1996-63920
                                                             19960624
PRAI US 1995-494714
                            19950626
    WO 1996-US10782
                            19960624
     ANSWER 5 OF 5 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L2
    DUPLICATE 1
AN
     1995:157220 BIOSIS
DN
     PREV199598171520
TI
    The homeobox gene ATH1 of Arabidopsis is derepressed in the
    photomorphogenic mutants cop1 and det1.
ΑU
    Quaedvlieg, Nicolette; Dockx, Jan; Rook, Fred; Weisbeek, Peter; Smeekens,
```

Sjef [Reprint author] CS Dep. Mol. Cell Biol., Univ. Utrecht, Padualaan 8, 3584 CH Utrecht, Netherlands SO Plant Cell, (1995) Vol. 7, No. 1, pp. 117-129. CODEN: PLCEEW. ISSN: 1040-4651. DT Article LΑ English OS DDBJ-X80126; DDBJ-X80127; EMBL-X80126; EMBL-X80127; Genbank-X80126; Genbank-X80127 ED Entered STN: 11 Apr 1995 Last Updated on STN: 12 Apr 1995 => s homeobox (la) gene (la) ATH1 L3 3 HOMEOBOX (1A) GENE (1A) ATH1 => dup rem 13 PROCESSING COMPLETED FOR L3 1 DUP REM L3 (2 DUPLICATES REMOVED) => d 14 L4ANSWER 1 OF 1 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 1 MA 1995:157220 BIOSIS DN PREV199598171520 TI The homeobox gene ATH1 of Arabidopsis is derepressed in the photomorphogenic mutants cop1 and det1. ΑIJ Quaedvlieg, Nicolette; Dockx, Jan; Rook, Fred; Weisbeek, Peter; Smeekens, Sjef [Reprint author] CS Dep. Mol. Cell Biol., Univ. Utrecht, Padualaan 8, 3584 CH Utrecht, Netherlands SO Plant Cell, (1995) Vol. 7, No. 1, pp. 117-129. CODEN: PLCEEW. ISSN: 1040-4651. DT Article LA English OS DDBJ-X80126; DDBJ-X80127; EMBL-X80126; EMBL-X80127; Genbank-X80126; Genbank-X80127 ED Entered STN: 11 Apr 1995 Last Updated on STN: 12 Apr 1995

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NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
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 NEWS 10 DEC 08 CABA reloaded with left truncation
NEWS 11 DEC 08 IMS file names changed
NEWS 12 DEC 09 Experimental property data collected by CAS now available
                 in REGISTRY
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAplus
 NEWS 14 DEC 17 DGENE: Two new display fields added
NEWS 15 DEC 18
                 BIOTECHNO no longer updated
 NEWS 16 DEC 19
                 CROPU no longer updated; subscriber discount no longer
                 available
 NEWS 17 DEC 22
                 Additional INPI reactions and pre-1907 documents added to CAS
                 databases
 NEWS 18 DEC 22
                 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19 DEC 22 ABI-INFORM now available on STN
NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT
              MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
              AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
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              CAS World Wide Web Site (general information)
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=> file agricola COST IN U.S. DOLLARS FULL ESTIMATED COST ENTRY SESSION 0.21 0.21

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FILE COVERS 1970 TO 15 Dec 2003 (20031215/ED)

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=> s ATH1

L1 8 ATH1

=> dup rem l1

PROCESSING COMPLETED FOR L1

L2 8 DUP REM L1 (0 DUPLICATES REMOVED)

=> d 12 1-8

- L2 ANSWER 1 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STM
- AN 2003:37724 AGRICOLA
- DN IND23329932
- TI Cloning and sequencing of cDNAs for hypothetical genes from chromosome 2 of Arabidopsis.
- AU Xiao, Y.L.; Malik, M.; Whitelaw, C.A.; Town, C.D.
- AV DNAL (450 P692)
- SO Plant physiology, Dec 2002. Vol. 130, No. 4. p. 2118-2128
  Publisher: Rockville, MD: American Society of Plant Physiologists, 1926CODEN: PLPHAY; ISSN: 0032-0889
- NTE Includes references
- CY Maryland; United States
- DT Article; Conference
- FS U.S. Imprints not USDA, Experiment or Extension
- LA English
- L2 ANSWER 2 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
- AN 2003:52571 AGRICOLA
- DN IND23333596
- TI Response to oxidative stress caused by H2O2 in Saccharomyces cerevisiae mutants deficient in trehalase genes.
- AU Pedreno, Y.; Gimeno-Alcaniz, J.V.; Matallana, E.; Arguelles, J.C.
- SO Archives of microbiology, June 2002. Vol. 177, No. 6. p. 494-499 Publisher: Berlin, New York: Springer-Verlag, 1974-CODEN: AMICCW; ISSN: 0302-8933
- NTE Includes references
- CY Germany
- DT Article
- FS Non-U.S. Imprint other than FAO
- LA English
- L2 ANSWER 3 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States

- of America. It contains copyrighted materials. All rights reserved. (2004) on  ${\tt STN}$
- AN 2002:52540 AGRICOLA
- DN IND23284668
- TI Light regulation of gibberellin biosynthesis and mode of action.
- AU Garcia-Martinez, J.L.; Gil, J.
- SO Journal of plant growth regulation, Dec 2001. Vol. 20, No. 4. p. 354-368 Publisher: New York: Springer-Verlag New York, c1982-CODEN: JPGRDI; ISSN: 0721-7595
- NTE Thematic Issue on Gibberellins / edited by P. Hedden. Includes references
- CY New York (State); United States
- DT Article; Law
- FS U.S. Imprints not USDA, Experiment or Extension
- LA English
- L2 ANSWER 4 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
- AN 2000:21782 AGRICOLA
- DN IND22025281
- TI Stress tolerance in doughs of Saccharomyces cerevisiae trehalase mutants derived from commercial baker's yeast.
- AU Shima, J.; Hino, A.; Yamada-Iyo, C.; Suzuki, Y.; Nakajima, R.; Watanabe, H.; Mori, K.; Takano, H.
- CS National Food Research Institute, Kannondai, Tsukuba, Ibaraki, Japan.
- SO Applied and environmental microbiology, July 1999. Vol. 65, No. 7. p. 2841-2846 Publisher: Washington: American Society for Microbiology CODEN: AEMIDF; ISSN: 0099-2240
- NTE Includes references
- CY District of Columbia; United States
- DT Article
- FS U.S. Imprints not USDA, Experiment or Extension
- LA English
- L2 ANSWER 5 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
- AN 2000:5829 AGRICOLA
- DN TND22017153
- TI Elevated growth of Saccharomyces cerevisiae ATH1 null mutants on glucose is an artifact of nonmatching auxotrophies of mutant and reference strains.
- AU Chopra, R.; Sharma, V.M.; Ganesan, K.
- CS Institute of Microbial Technology, Chandigarh, India. AV DNAL (448.3 Ap5)
- AV DNAL (448.3 Ap5) SO Applied and environmental microbiology, May 1999. Vol. 65, No. 5. p. 2267-2268
  - Publisher: Washington : American Society for Microbiology CODEN: AEMIDF: ISSN: 0099-2240
- NTE Includes references
- CY District of Columbia; United States
- DT Article
- FS U.S. Imprints not USDA, Experiment or Extension
- LA English
- L2 ANSWER 6 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
- AN 97:67855 AGRICOLA

- DN IND20591644
- TI Molecular characterization of the Aspergillus nidulans treA gene encoding an acid trehalase required for growth on trehalose.
- AU d'Enfert, C.; Fontaine, T.
- CS Institut Pasteur, Paris, France.
- SO Molecular microbiology, Apr 1997. Vol. 24, No. 1. p. 203-216 Publisher: Oxford: Blackwell Scientific Publications, CODEN: MOMIEE; ISSN: 0950-382X
- NTE Includes references CY England; United Kingdom
- DT Article
- FS Non-U.S. Imprint other than FAO
- LA English
- L2 ANSWER 7 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
- AN 96:37214 AGRICOLA
- DN IND20518527
- TI Disruption of the yeast ATH1 gene confers better survival after dehydration, freezing, and ethanol shock: potential commercial applications.
- AU Kim, J.; Alizadeh, P.; Harding, T.; Hefner-Gravink, A.; Klionsky, D.J.
- CS University of California, Davis, CA.
- AV DNAL (448.3 Ap5)
- SO Applied and environmental microbiology, May 1996. Vol. 62, No. 5. 1563-1569
  Publisher: Washington: American Society for Microbiology
- CODEN: AEMIDF; ISSN: 0099-2240 NTE Includes references
- CY District of Columbia: United States
- DT Article
- FS U.S. Imprints not USDA, Experiment or Extension
- LA English
- L2 ANSWER 8 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
- AN 95:24526 AGRICOLA
- DN IND20453397
- TI The homeobox gene ATH1 of Arabidopsis is derepressed in the photomorphogenic mutants cop1 and det1.
- AU Quaedvlieg, N.; Dockx, J.; Rook, F.; Weisbeek, P.; Smeekens, S.
- CS University of Leiden, Leiden, The Netherlands
- AV DNAL (QK725.P532)
- SO The Plant cell, Jan 1995. Vol. 7, No. 1. p. 117-129
  Publisher: [Rockville, MD : American Society of Plant Physiologists,
  - c1989-CODEN: PLCEEW; ISSN: 1040-4651
- NTE Includes references
- CY Maryland; United States
- DT Article
- FS U.S. Imprints not USDA, Experiment or Extension
- LA English
- => homeobox (1a) gene (2a) ATH1

HOMEOBOX IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt  $\{\pm > \}$ .

=> s homeobox (1a) gene (2a) ATH1 248 HOMEOBOX 59 HOMEOBOXES 264 HOMEOBOX (HOMEOBOX OR HOMEOBOXES) 81039 GENE 63293 GENES 99288 GENE (GENE OR GENES) 8 ATH1 L3 1 HOMEOBOX (1A) GENE (2A) ATH1 => d 13 ANSWER 1 OF 1 AGRICOLA Compiled and distributed by the National L3 Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN AN 95:24526 AGRICOLA DN IND20453397 TI The homeobox gene ATH1 of Arabidopsis is derepressed in the photomorphogenic mutants cop1 and det1. - AU Quaedvlieg, N.; Dockx, J.; Rook, F.; Weisbeek, P.; Smeekens, S. CS University of Leiden, Leiden, The Netherlands ΑV DNAL (OK725.P532) The Plant cell, Jan 1995. Vol. 7, No. 1. p. 117-129 SO Publisher: [Rockville, MD : American Society of Plant Physiologists, c1989-

CODEN: PLCEEW; ISSN: 1040-4651

U.S. Imprints not USDA, Experiment or Extension

Maryland; United States

NTE Includes references

Article

English

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DT

FS LA